

CHE 100-01 Syllabus
Spring 2005
MWF 9:00-9:50 p.m. SC 305

Instructor: Gwen M. Fields Office: SC 442 Phone: 572-6681
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Office Hours: MWF 10:00-11:00a.m.

Prerequisite: none

Optional Corequisite: CHE 100 lab

Required Text: *Chemistry for Changing Times (10th ed.)*, J.W. Hill and D.K. Kolb

Non-programmable calculator to use on tests and quizzes

Important Dates:

January 10	First day of classes
January 17	Martin Luther King Jr. no class-Monday
January 29	Saturday-Last day to drop
March 7-12	Spring Break- no classes
March 28	Saturday-Last day to withdraw
April 29	Last day of class
May 2	Monday-Final exam 8:00-10:00 a.m.

Chapters that will be covered

Problems to work

1 (skip section 1.4-1.6 and 1.13)	1-4, 10-14, 19-26, 33-57
2	1, 2, 4- 23, 25-27, 29- 31, 39
3	1abcd, 5, 7-26, 28-37, 39, 41, 42, 45-53, 59-72, 79-81
4 (skip 4.5, 4.11, 4.13)	1acd, 2-14, 17abc,19ab, 20-26, 28, 32, 36ab, 38ab,42-50,53
5	1-49, 50a, 51ace, 52bcdf, 53bce, 55-58, 68-72, 80-83, 88-92, 96, 97
6 (skip 6.2, 6.6)	1a-e, 2, 5, 17-28, 37, 38, 75-80
7	1-14, 16, 17, 19-40, 43-55
8	1-10, 12- 14, 17-28, 30, 31, 34, 36
9 (skip 9.6, 9.10, 9.11, 9.15)	1-12,16, 17, 19-27, 31, 33, 47a, 55-62, 63acf, 64a-e, 69, 73, 74
10 (skip 10.7, 10.8,10.10-10.12)	1-17, 27, 28, 33, 34a, 35, 45, 49
17 (skip 17.4-end)	3, 4, 6, 7-11, 13, 14, 37, 45, 46
12	To be announced

Important Information Regarding The Class:

Assigned problems and readings from the text will not be collected, however it is strongly recommended that you do them in order to gain a good grasp of the material. Some of the quiz and test questions may come from the assigned questions. Answers to the odd numbered problems are in the back of the book in appendix C.

Attendance will be taken, but does not count towards your grade, however material such as demonstrations and videos which are not in the text may be presented in class and students are held responsible for knowing this material. Also, dates for quizzes and tests will be announced in the lecture. A student is responsible for any material and announcements made in the lecture.

Homework assignments will be given throughout the semester as well. There will be 4 assignments each worth 25 points. The top three will count and the lowest grade will be dropped. These problems may also come from the end of the chapter problems in the text. Homework assignments must be turned in on or before the assigned date by the Start of class or they will not be accepted under any circumstances. There are no make-ups for homework and if you arrive in class after homework has been collected, you will receive no credit.

Quizzes will be given throughout the semester and the dates for them will be announced one week ahead in the lecture. A total of 5 quizzes will be given but only the top 4 scores will count. There are NO MAKE-UPS for a missed quiz. It will count as the dropped quiz, and if more than one quiz is missed, a grade of zero will be assigned.

4 Tests and one cumulative final exam will be given. The dates for each will be announced in lecture one week in advance. If a student misses a test, he or she must get in contact with the instructor within 24 hours after the start of the scheduled exam. This means speaking directly to the instructor, not by e-mail and not just leaving a phone message. The situation will then be discussed and a retake may be given on or before the next class period, or the final exam will be counted 1 and 2/3 times, at the discretion of the instructor. There will be no more than one make-up for the semester.

Tentative Test Outline

Test 1 CH. 1, 2, 3,
Test 2 CH 4, 5 & 6
Test 3 CH 7 & 8
Test 4 CH 9, 10, 17

Grading

Homework	75pts.	11%
Quizzes 3 x 25 pts	75 pts.	11%
Tests 4 x 100	400 pts	57%
Final exam(CH 1-17)	<u>150 pts</u>	21%
Total 700 points		

Grading Scale

A	90-100%	627-700pts.
B	80-89%	557-626pts.
C	70-79%	487-556pts.
D	60-69%	417-486pts.
F	≤ 59%	≤416pts.

We will be using Blackboard for this class. Each day the material that was covered in class will be posted as well as any assignments and upcoming quizzes, homework, and tests.

Helpful Hints

- I cannot stress enough how important it is to work as many problems as possible. Be sure to at least keep up with, if not ahead in the readings in the text. If there are that you miss on a quiz or test, go back and rework the quiz before the next test and be sure you understand any troublesome material on a test before we proceed to the next chapter. One big problem some students have is allowing the material to snowball on them. This material heavily builds upon itself as we proceed from one chapter to the next. If you are having a trouble area, get it cleared up immediately, don't assume that as the test passes you'll never have to recall that item again. There are several things you can do for assistance. I strongly encourage you to ask questions in class. You can be assured that at least five other people have the same question but are too timid to speak out. Get the ball rolling. Once one person starts a question others get more courageous and we'll form a more productive learning group. You must remember that from my point of view, if no one asks any questions I have to assume that you are understanding everything.

-Aside from asking in class, you can attend my office hours to get some one-on-one questions answered. There is also a free tutoring program set up in BEP 230. Don't wait until you are overwhelmed to get help. Some people start off with a tutor at the beginning of the semester as a maintenance program.

****There will be extra credit available to students who attend the chemistry talks in the Celebration of Research in April of 2005. More info will follow.****

This syllabus is subject to change at the discretion of the instructor.